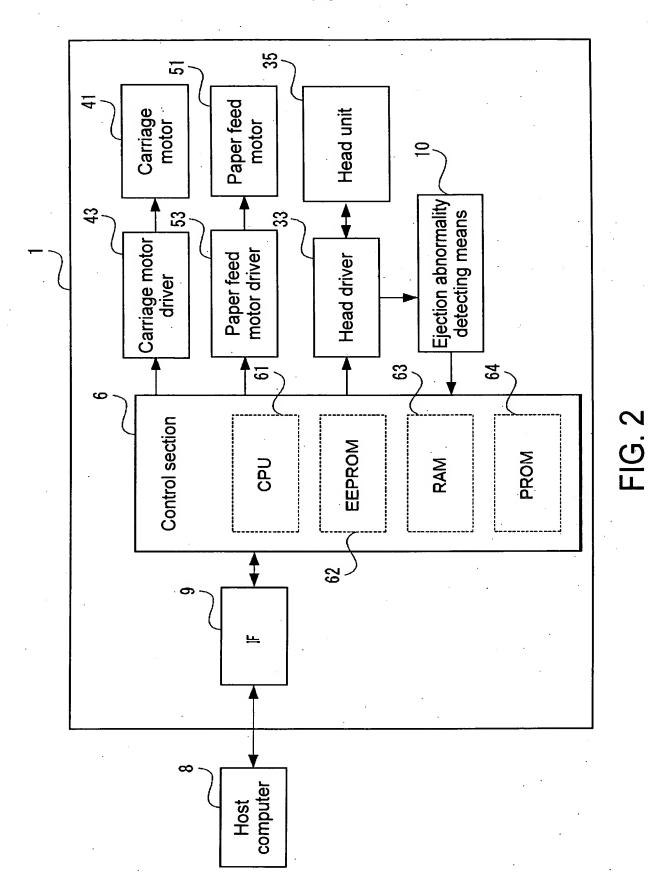


FIG. 1

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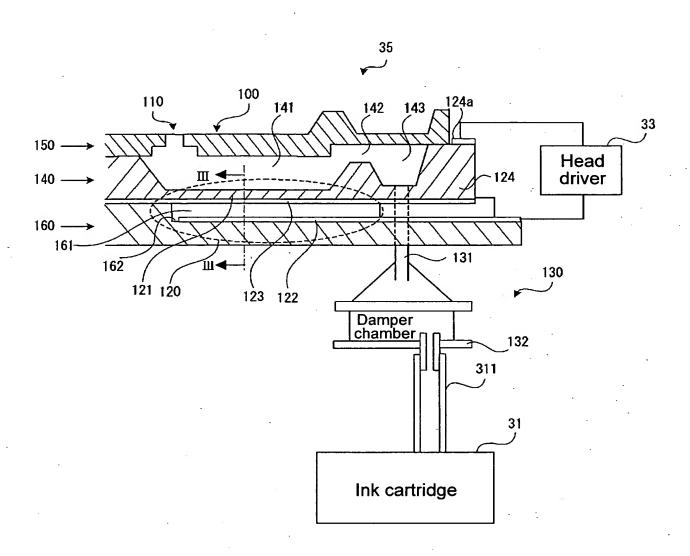


FIG. 3

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

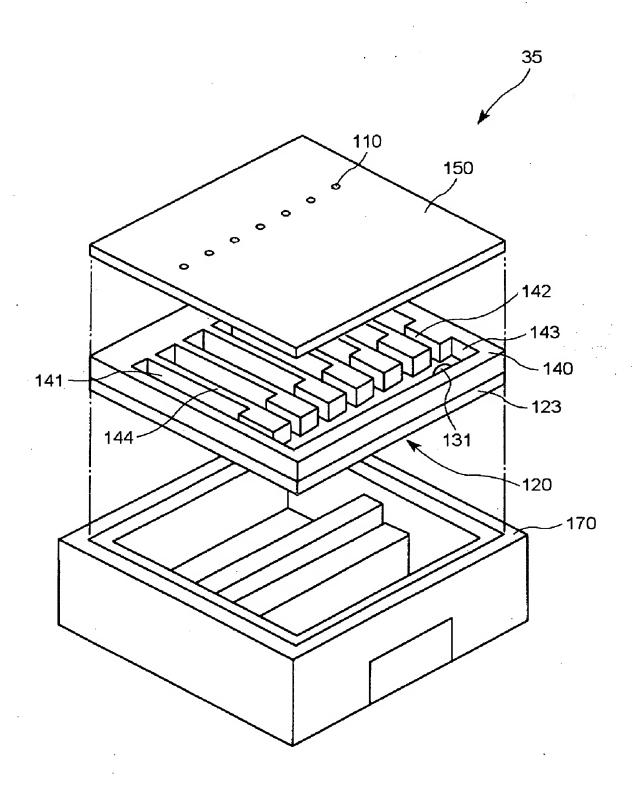


FIG. 4

Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

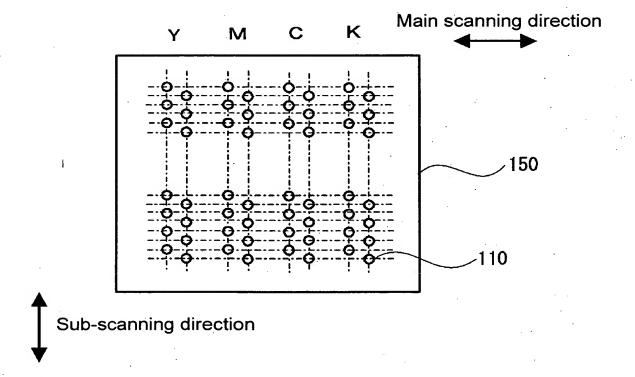
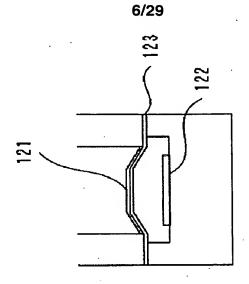
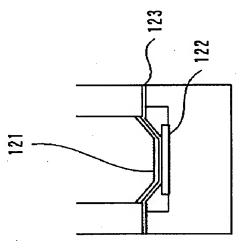


FIG. 5

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656





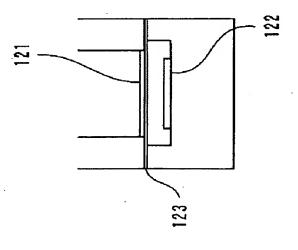


FIG.6A

Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

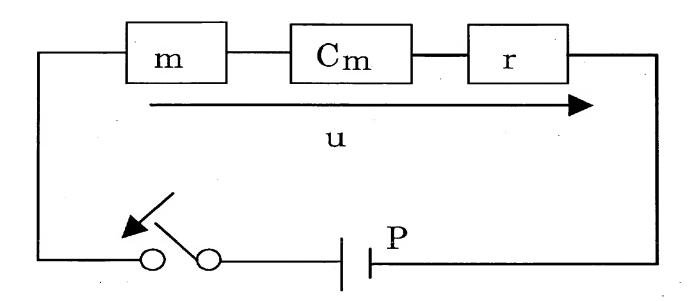


FIG. 7



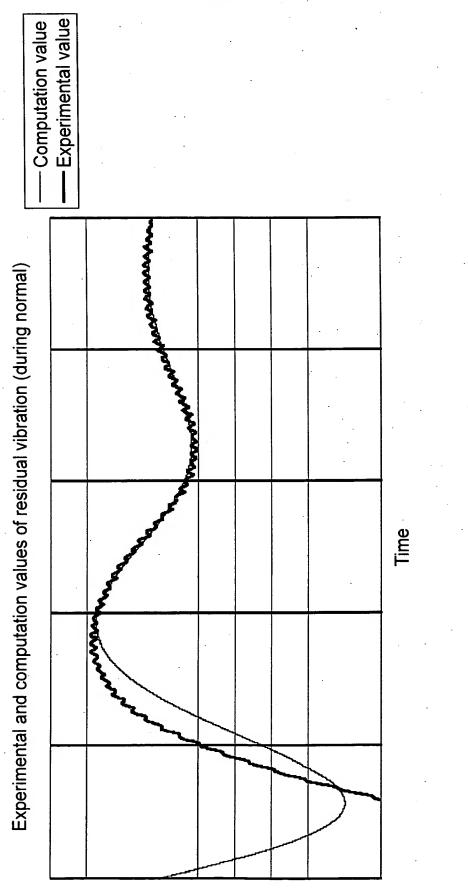


FIG. 8

Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

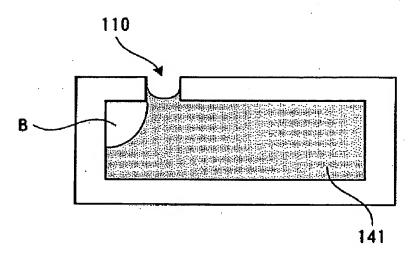
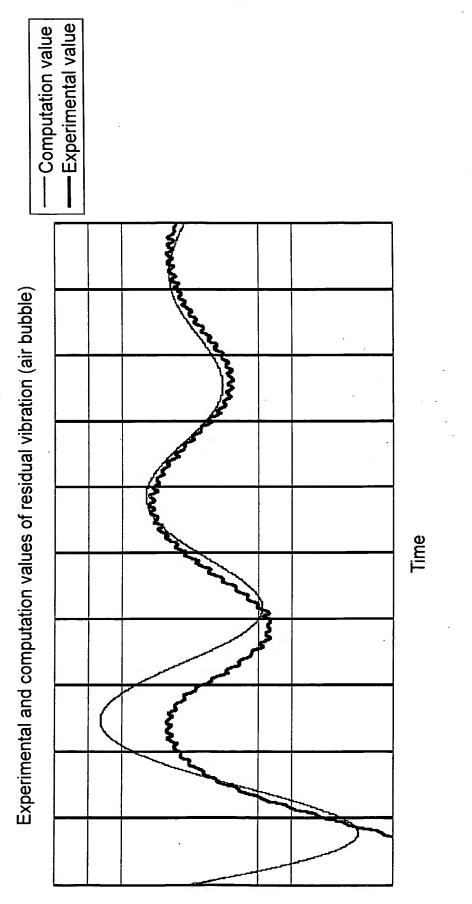


FIG. 9

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Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI

Atty. Ref.: 9319S-000656

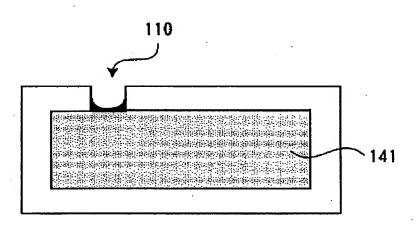


FIG.11

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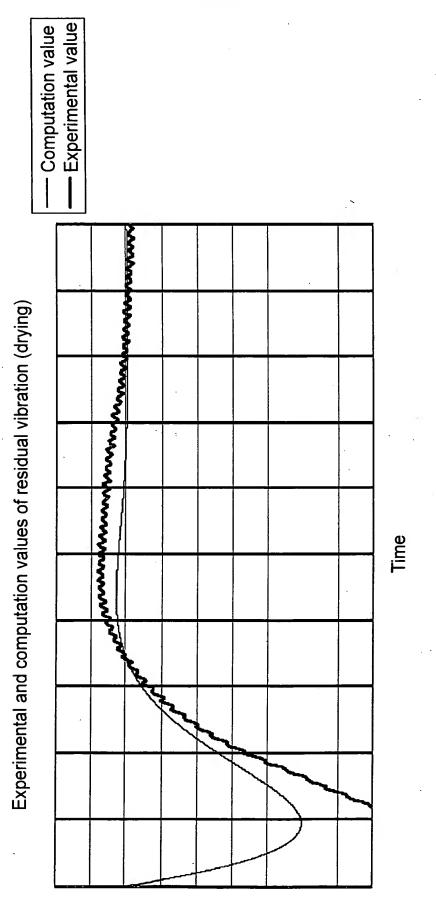


FIG 12

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI

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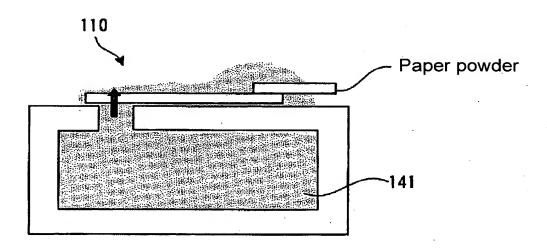


FIG.13

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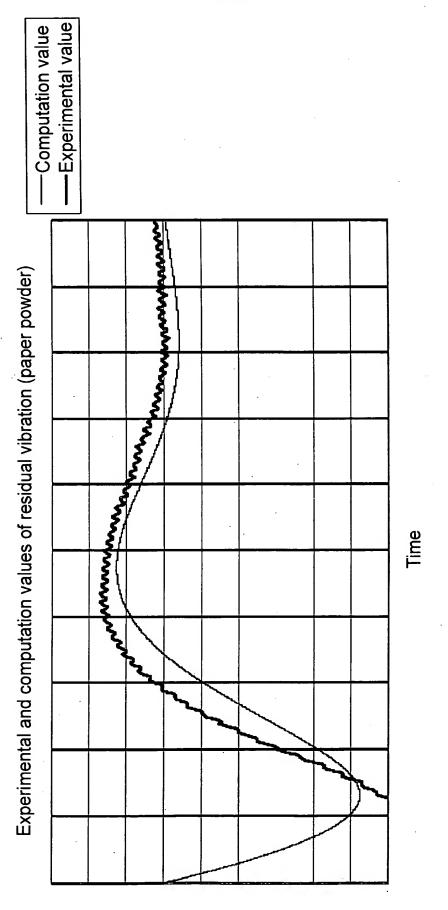
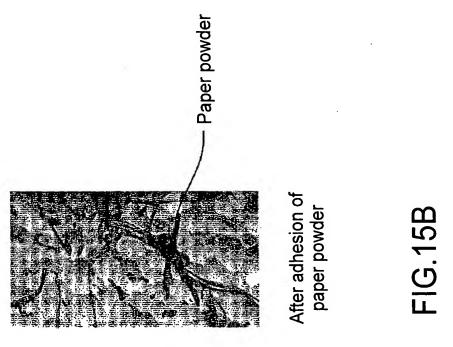
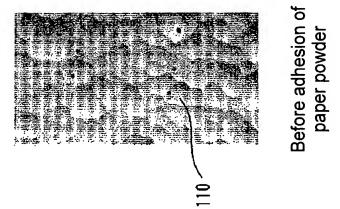


FIG.14

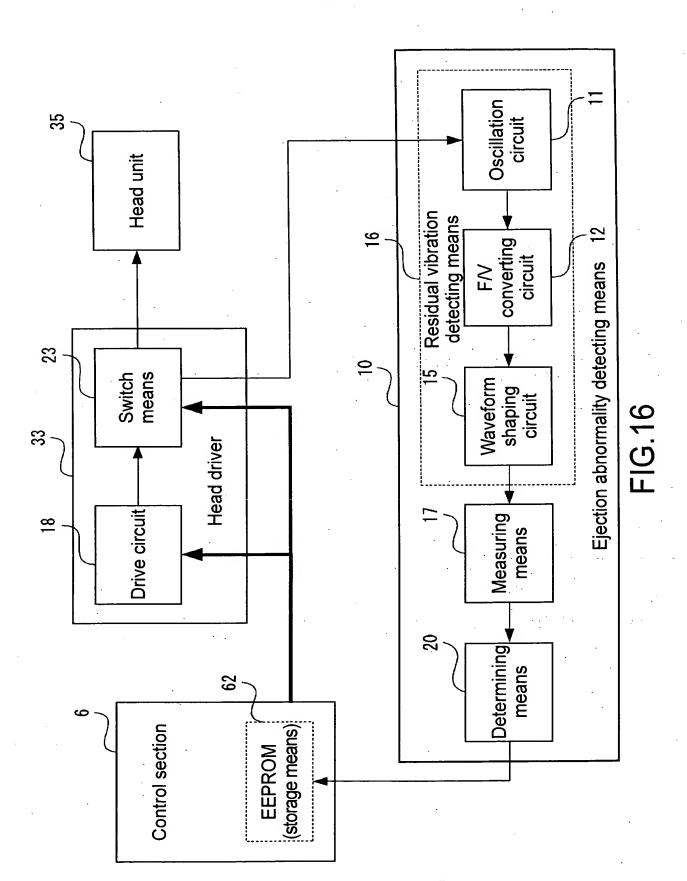
Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656





Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

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Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

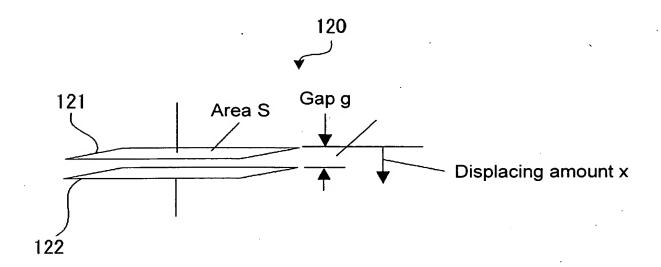


FIG.17

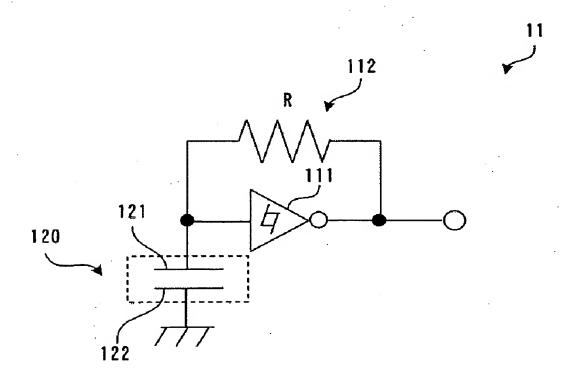
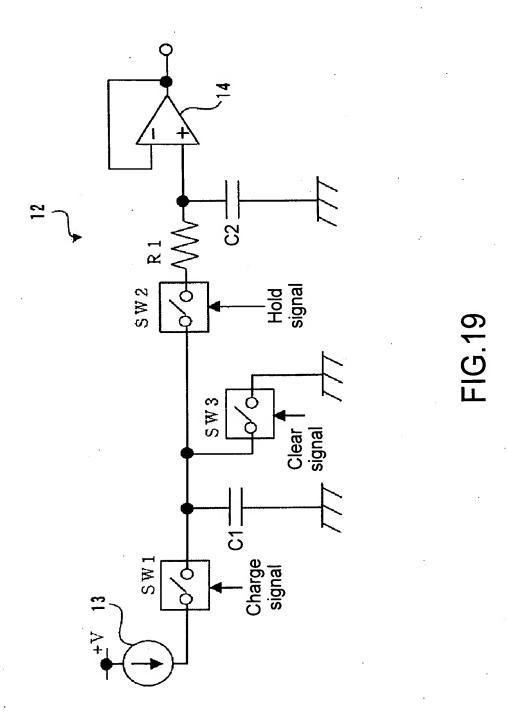


FIG.18

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

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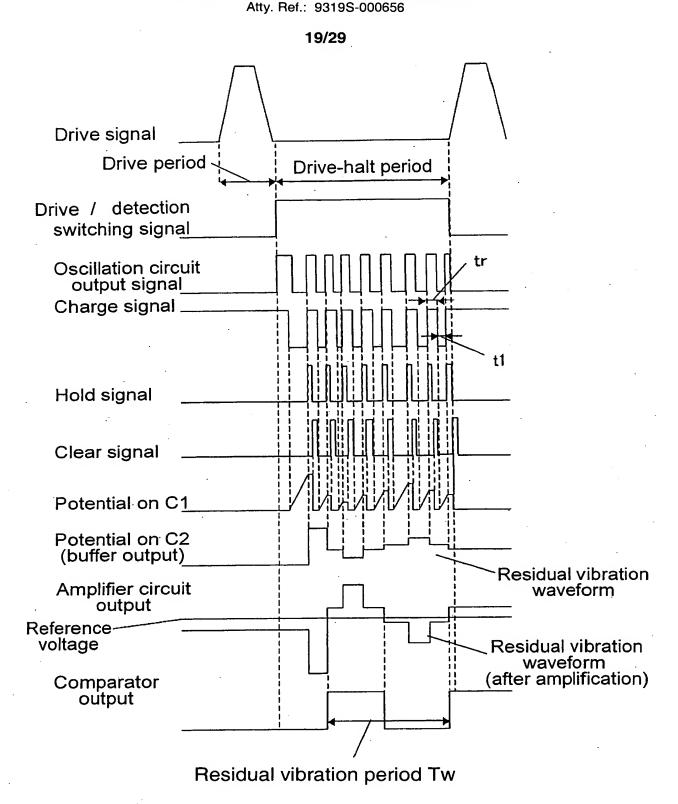


FIG.20

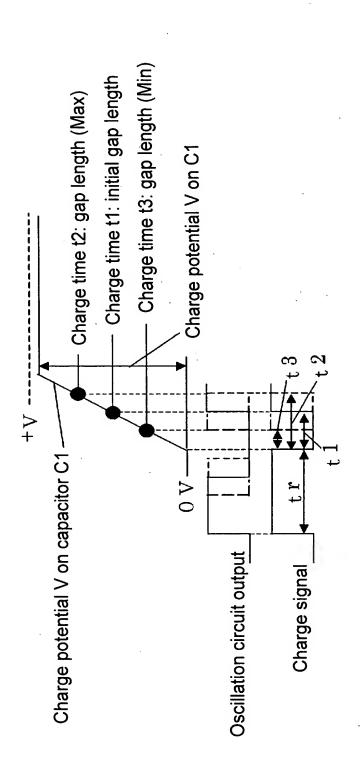


FIG.2

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

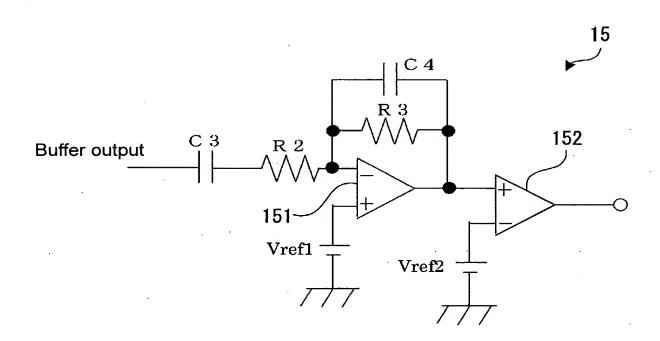
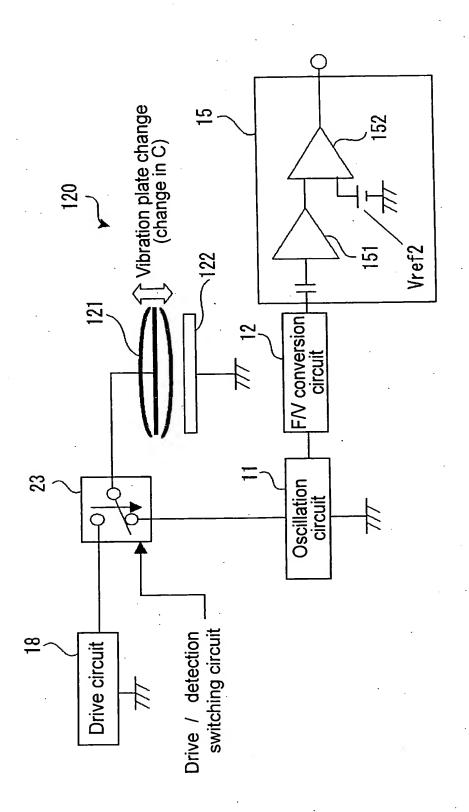


FIG.22

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Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI

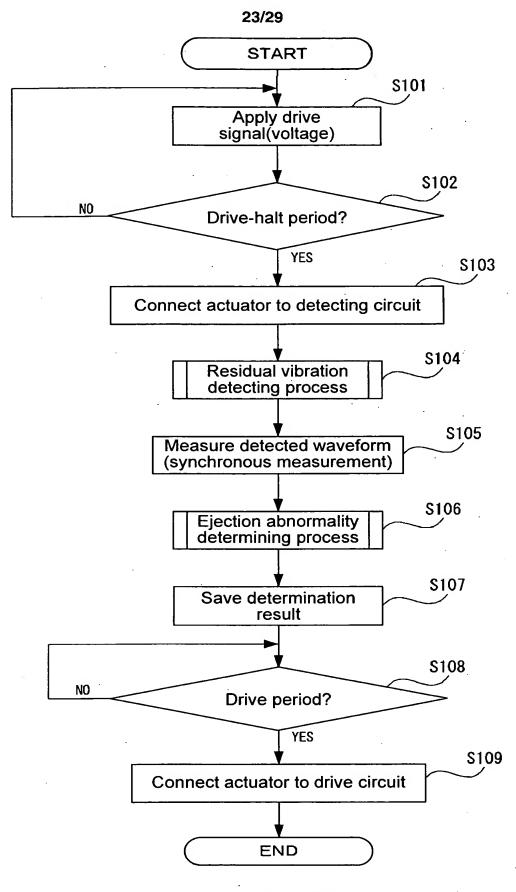


FIG.24

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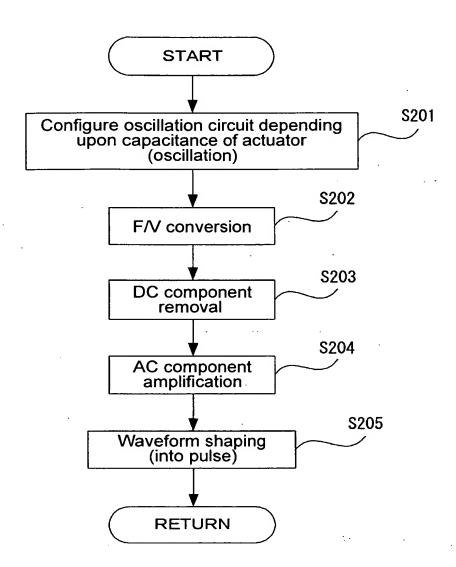


FIG.25

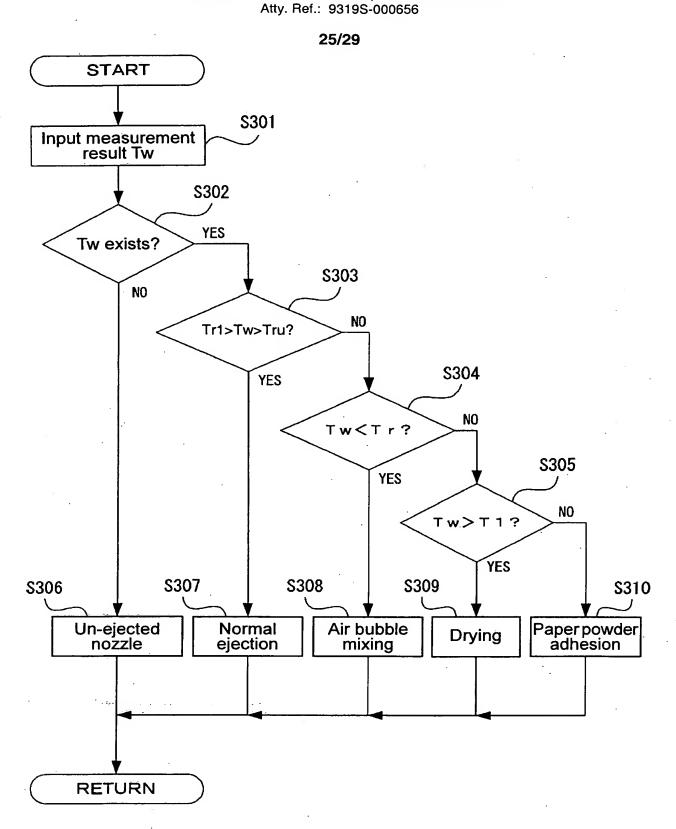


FIG.26

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

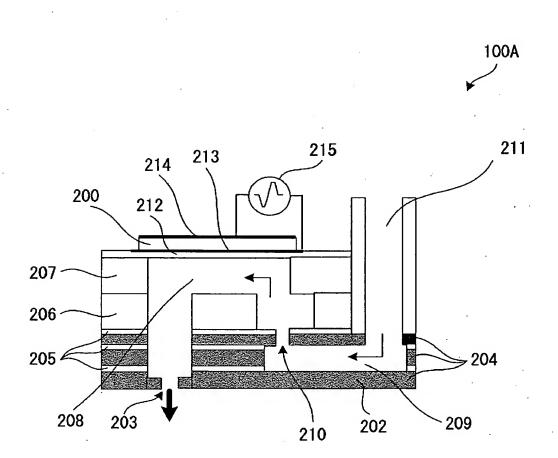


FIG.27

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI

Atty. Ref.: 9319S-000656

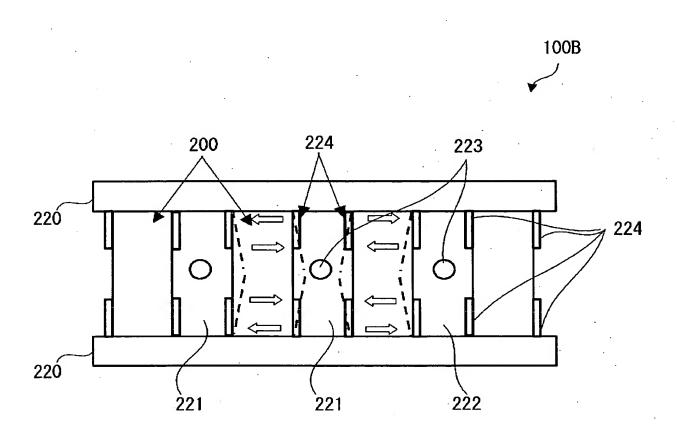


FIG.28

Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI

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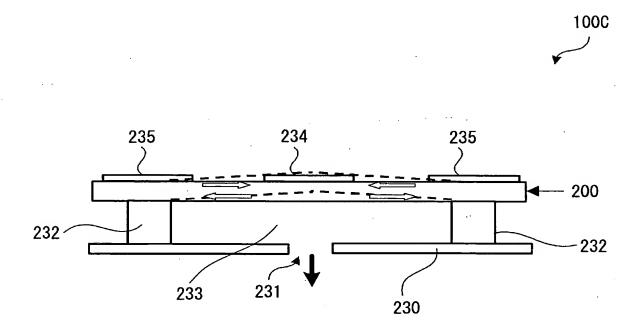


FIG.29

Title: DROPLET EJECTING APPARATUS AND EJECTION ABNORMALITY DETECTING/DETERMINING METHOD FOR A DROPLET EJECTING HEAD Inventors: Osamu SHINKAWA, Yusuke SAKAGAMI Atty. Ref.: 9319S-000656

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